

**Weekly Report**  
**Issued Friday August 21, 2015**

***(Presenting Progress from Preceding Week and Plans Forward)***

**Refugio Incident**

This weekly report addresses elements listed in the *Order for Removal, Mitigation or Prevention of a Substantial Threat of Oil Discharge*. The elements include descriptions of 1) anticipated problems and planned resolutions, 2) significant developments, 3) work performed, 4) treatment and disposal information, 5) analytical data received (if applicable), and 6) schedule of work. The following attachments contain detailed information pertaining to each listed element:

- **Summary of Anticipated Problems and Resolutions** (August 21 through August 27)
  - Anticipated problems and planned resolutions
  
- **Daily Progress Reports issued by Incident Situation Unit Leader** (August 15 through August 20)
  - Significant Developments
  - Work Performed
  - Disposal Information
  
- **Incident Action Plan** (Effective August 12, 2015 0600 – October 14, 2015 0600)
  - Schedule of Work to be Performed (Form 204)

## Summary of Anticipated Problems and Resolutions

### Refugio Incident

Week of August 21 through August 27, 2015

Anticipated Problems	Planned Resolutions
<input type="checkbox"/> Long Distance to pack in equipment from trail heads.	<input type="checkbox"/> Helicopter is going to begin dropping equipment and supplies as needed.

Incident Command Post Santa Barbara  
Refugio Oil Spill  
*Unified In All Missions*  
August 14, 2015  
Response Day 88

**Daily Progress Report**

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

**Safety**

- Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
  - 12 Recordable Injuries to date related to this response.

**Environmental**

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

**Waste Management Data**

Waste Management (26 June – 14 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	0	1695
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

**Operations**

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.
- Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

## Wildlife

Marine mammal rehabilitators are planning to release two California Sea Lions on Saturday, August 15th. These two animals will be satellite tagged today, August 14th. Also today August 14th, a Northern Elephant Seal will be released. Both releases will occur by boat off the coast of San Diego. Once this weekend's releases occur, 13 marine mammals and 2 birds will remain in care. Photos will be provided to the JIC Monday morning. Any questions or concerns can be directed to holly.gellerman@wildlife.ca.gov or (916) 324-6715.

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
14 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	195	259	48	62	106	168	9

**NOTE-** Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

## Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

## Public Information

Publication of significant media issues: NSTR

## Logistics

- Change in status for any Incident facilities: NSTR

## Personnel Involved

- 301 workers are engaged in Field Operations.
- 17 personnel are assigned to the ICP.
- 318 total personnel are assigned to the response.



Incident Command Post Santa Barbara  
Refugio Oil Spill  
*Unified In All Missions*  
August 15, 2015  
Response Day 89

### Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

#### Safety

- ☐ Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
  - 12 Recordable Injuries to date related to this response.

#### Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

#### Waste Management Data

Waste Management (26 June – 15 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	0	1695
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

#### Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- ☐ Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.
- ☐ Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

## Wildlife

Marine mammal rehabilitators planned to release two California Sea Lions, today, Saturday, August 15th. These two animals were to be satellite tagged yesterday, August 14th. Also yesterday August 14th, a Northern Elephant Seal was to be released. Both releases were to occur by boat off the coast of San Diego. Once this weekend's releases occur, 13 marine mammals and 2 birds will remain in care. Photos will be provided to the JIC Monday morning. Any questions or concerns can be directed to holly.gellerman@wildlife.ca.gov or (916) 324-6715.

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
15 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	195	259	48	62	106	168	9

**NOTE-** Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

## Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

## Public Information

Publication of significant media issues: NSTR

## Logistics

- ☐ Change in status for any Incident facilities: NSTR

## Personnel Involved

- 291 workers are engaged in Field Operations.
- 15 personnel are assigned to the ICP.
- 306 total personnel are assigned to the response.

Incident Command Post Santa Barbara  
Refugio Oil Spill  
*Unified In All Missions*  
August 16, 2015  
Response Day 90

### Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

#### Safety

- ☐ Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
  - 12 Recordable Injuries to date related to this response.

#### Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel.

#### Waste Management Data

Waste Management (26 June – 16 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	0	1695
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

#### Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- ☐ Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.
- ☐ Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

## Wildlife

Marine mammal rehabilitators planned to release two California Sea Lions yesterday, Saturday, August 15th. These two animals were to be satellite tagged, August 14th. Also August 14th, a Northern Elephant Seal was to be released. Both releases were to occur by boat off the coast of San Diego. Once this weekend's releases occur, 13 marine mammals and 2 birds will remain in care. Photos will be provided to the JIC Monday morning. Any questions or concerns can be directed to holly.gellerman@wildlife.ca.gov or (916) 324-6715. Awaiting release confirmation to update numbers in following table.

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
16 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	195	259	48	62	106	168	9

**NOTE-** Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

## Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

## Public Information

Publication of significant media issues: NSTR

## Logistics

- ☐ Change in status for any Incident facilities: NSTR

## Personnel Involved

- 292 workers are engaged in Field Operations.
- 15 personnel are assigned to the ICP.
- 307 total personnel are assigned to the response.

Incident Command Post Santa Barbara  
Refugio Oil Spill  
*Unified In All Missions*  
August 17, 2015  
Response Day 91

### Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

#### Safety

- Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
  - 13 Recordable Injuries to date related to this response.

#### Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel. SCAT Assessments indicate that Phase II endpoints have been reached in SB-I-S005A and SB-I-005B. SCAT Maps will be produced tomorrow to reflect what was observed this afternoon.

#### Waste Management Data

Waste Management (26 June – 17 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	15	1710
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

#### Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.

- Temporary Flight Restriction: In place until August 31, 2015.
- Cultural / historical impacts and/or concerns: NSTR.

## Wildlife

On Friday August 14th, one Northern Elephant Seal was released by boat off the coast of San Diego. And, on Saturday August 15th, three CA Sea Lions each with a satellite tag attached were released off the coast of San Diego. Originally the plan was for just 2 sea lions to be released but a 3rd sea lion was added to the plan later Friday. Twelve marine mammals remain in care. Photos of both events were provided to the JIC and SITL. Tomorrow, August 18th, a CA Brown Pelican is scheduled to be released at Royal Palms Beach in San Pedro. If all goes as planned, two birds will remain in care after tomorrow.

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
17 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	203	267	48	62	106	168	13

**NOTE-** Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

## Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

## Public Information

Publication of significant media issues: NSTR

## Logistics

- Change in status for any Incident facilities: NSTR

## Personnel Involved

- 299 workers are engaged in Field Operations.
- 13 personnel are assigned to the ICP.
- 310 total personnel are assigned to the response.

Incident Command Post Santa Barbara  
Refugio Oil Spill  
*Unified In All Missions*  
August 18, 2015  
Response Day 92

### Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

#### Safety

- Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
  - 13 Recordable Injuries to date related to this response.

#### Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 91.4% of the overall impacted shoreline and 1.1% remains active for recovery operations. The remaining 7.5% is being actively monitored by response personnel. SCAT Assessments indicate that Phase II endpoints have been reached in SB-I-S005A and SB-I-005B. SCAT Maps will be produced to reflect what was observed.

#### Waste Management Data

Waste Management (26 June – 18 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	0	1710
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

#### Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.

- Temporary Flight Restriction: In place until August 31, 2015.
- Cultural / historical impacts and/or concerns: NSTR.

### Wildlife

On Friday August 14th, one Northern Elephant Seal was released by boat off the coast of San Diego. And, on Saturday August 15th, three CA Sea Lions each with a satellite tag attached were released off the coast of San Diego. Originally the plan was for just 2 sea lions to be released but a 3rd sea lion was added to the plan later Friday. Twelve marine mammals remain in care. Photos of both events were provided to the JIC and SITL. Today, August 18th, a CA Brown Pelican is scheduled to be released at Royal Palms Beach in San Pedro. If all goes as planned, two birds will remain in care after tomorrow.

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
18 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	203	267	48	62	106	168	13

**NOTE-** Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

### Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

### Public Information

Publication of significant media issues: NSTR

### Logistics

- Change in status for any Incident facilities: NSTR

### Personnel Involved

- 301 workers are engaged in Field Operations.
- 13 personnel are assigned to the ICP.
- 314 total personnel are assigned to the response.



Incident Command Post Santa Barbara  
Refugio Oil Spill  
*Unified In All Missions*  
August 19, 2015  
Response Day 93

### Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

#### Safety

- Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
  - 13 Recordable Injuries to date related to this response.

#### Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 92.7% of the overall impacted shoreline and 0.6% remains active for recovery operations. The remaining 6.7% is being actively monitored by response personnel.

#### Waste Management Data

Waste Management (26 June – 19 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	0	1710
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

#### Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.
- Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

## Wildlife

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
19 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	203	267	48	62	106	168	13

**NOTE-** Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

## Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

## Public Information

Publication of significant media issues: NSTR

## Logistics

- Change in status for any Incident facilities: NSTR

## Personnel Involved

- 223 workers are engaged in Field Operations.
- 13 personnel are assigned to the ICP.
- 236 total personnel are assigned to the response.

Incident Command Post Santa Barbara  
Refugio Oil Spill  
*Unified In All Missions*  
August 20, 2015  
Response Day 94

### Daily Progress Report

The ICP is currently overseeing operations in Santa Barbara County. Active day and night field operations are ongoing in Santa Barbara Division I.

#### Safety

- Work site accidents / mishaps resulting in property damage or injuries to responders beyond First Aid:
  - 13 Recordable Injuries to date related to this response.

#### Environmental

Shoreline Cleanup Assessment Techniques (SCAT) Phase II end points have been achieved for 92.7% of the overall impacted shoreline and 0.6% remains active for recovery operations. The remaining 6.7% is being actively monitored by response personnel.

#### Waste Management Data

Waste Management (26 June – 20 August 2015)		
Material	Estimated Daily Total Removed (cubic yards)	Estimated Cumulative Total Removed (cubic yards)
Oiled Sand	0	1200
Oiled Vegetation	0	900
Oiled Debris/PPE	30	1740
Oiled Soil	0	7812
Culvert Soil	0	2010
Absorbent	0	345

#### Operations

- Command Objectives achieved: NSTR
- Severe weather conditions that may impact operations: NSTR
- Deviation of strategies or tactics from approved Incident Action Plan: NSTR
- Major equipment failures that impact operations: NSTR
- Change to or need for additional road closures: Lane closures are no longer in effect; however, shoulder closures will remain in effect to create safe areas for workers ingress and egress from their vehicles to access work areas.
- Temporary Flight Restriction: In place until August 31, 2015.

- Cultural / historical impacts and/or concerns: NSTR.

## Wildlife

The Brown Pelican scheduled for release this week was successfully reintroduced to the wild. Photos were provided to the Situation Unit and the JIC.

Current as of:	TOTAL Birds			Birds Released	TOTAL Mammals			Mammals Released
20 August	Live	Dead	Total	Total	Live	Dead	Totals	Total
Cumulative Total	64	203	267	49	62	106	168	13

**NOTE-** Wildlife Branch field recovery operations and Command Post presence have been demobilized. Care for oiled wildlife continues off-site with oversight by the Wildlife Branch Director also working remotely. Wildlife numbers will be updated in the future only to add to numbers of animals released, or if corrections to previous numbers are required based on continuing review of records.

## Liaison

- Any VIP visits or political interests and concerns: NSTR
- Reports of negative stakeholder interests: NSTR
- Cultural / historical impacts and/or concerns: NSTR

## Public Information

Publication of significant media issues: NSTR

## Logistics

- Change in status for any Incident facilities: NSTR

## Personnel Involved

- 301 workers are engaged in Field Operations.
- 14 personnel are assigned to the ICP.
- 315 total personnel are assigned to the response.

1. Incident Name Refugio Incident	2. Operational Period to be covered by IAP (Date/Time) From: 12 AUG2015/06:00 To: 14OCT2015/06:00 Operations Period 22	CG IAP COVER SHEET
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3. Approved by Incident Commander(s):		
<u>ORG</u>	<u>NAME</u>	
USCG FOSC		
EPA FOSC		
SOSC		
LOSC		
RPIC		

## INCIDENT ACTION PLAN

The items checked below are included in this Incident Action Plan:

- ☒ ICS 202-CG (Incident Objectives)
- ☒ ICS 202B-CG (Critical Information Reporting)
- ☒ ICS 207-CG (Organization Chart)
- ☒ ICS 204-CGs (Assignment Lists)  
One Copy each of any ICS 204-CG attachments:
- ☒ ICS 206-CG (Medical Plan)
- ☐ ICS 208-CG (Site Safety Plan) or Note SSP Location
  - SSP is located at the Mariposa Reina ICP
- ☒ Map / Chart
- ☒ Weather Forecast / Tides/Currents



4. Prepared by: Ryan Andersen, PSC	Date/Time 11AUG2015 06:00
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## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> Refugio Incident	<b>2. Operational Period:</b>	Date From: 8/12/2015      Date To: 10/14/2015 Time From: 06:00          Time To: 06:00			
<b>3. Objective(s):</b> <ol style="list-style-type: none"> <li>1) Ensure the safety of response personnel and the public.</li> <li>2) Continue the cleanup of Division I, maximizing clean up during optimal tidal periods, in accordance with the Shoreline Treatment Recommendations to meet Phase II endpoints.</li> <li>3) Protect and minimize impacts to environmental, cultural, historic and economic resources where feasible.</li> <li>4) Continue to care for and monitor the disposition of previously captured, injured and oiled wildlife.</li> <li>5) Continue to provide stakeholders and the community relevant information about progress of response efforts.</li> </ol>					
<b>4. Operational Period Command Emphasis:</b> <ol style="list-style-type: none"> <li>1) Clean to phase 2 endpoints where possible.</li> <li>2) Continue to emphasize safety in all operations with an emphasis on Sections 4 and 5.</li> <li>3) Maintain cultural/historical coordination for all operations and SCAT sign-offs.</li> <li>4) Identify or list the segments requiring phase 3 monitoring.</li> <li>5) Provide daily and weekly progress reports</li> </ol>					
General Situational Awareness					
<b>5. Site Safety Plan Required?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>Approved Site Safety Plan(s) Located at:</b> Mariposa Reina ICP					
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan): <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ICS 203  <input type="checkbox"/> ICS 204  <input type="checkbox"/> ICS 205  <input type="checkbox"/> ICS 205A  <input type="checkbox"/> ICS 206                 </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ICS 207  <input type="checkbox"/> ICS 208  <input type="checkbox"/> Map/Chart  <input type="checkbox"/> Weather Forecast/Tides/Currents                 </td> <td style="width: 33%; vertical-align: top;"> <b>Other Attachments:</b>  <input type="checkbox"/> _____  <input type="checkbox"/> _____  <input type="checkbox"/> _____  <input type="checkbox"/> _____                 </td> </tr> </table>			<input type="checkbox"/> ICS 203 <input type="checkbox"/> ICS 204 <input type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input type="checkbox"/> Map/Chart <input type="checkbox"/> Weather Forecast/Tides/Currents	<b>Other Attachments:</b> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
<input type="checkbox"/> ICS 203 <input type="checkbox"/> ICS 204 <input type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input type="checkbox"/> Map/Chart <input type="checkbox"/> Weather Forecast/Tides/Currents	<b>Other Attachments:</b> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____			
<b>7. Prepared by:</b> Name: Ryan Andersen      Position/Title: PSC      Signature: _____					
<b>8. Approved by Incident Commander:</b> Name: _____      Signature: _____					
ICS 202	IAP Page 02	Date/Time: Date			

<b>1. Incident Name</b> Refugio Incident	<b>2. Operational Period (Date/Time)</b> 12AUG2015 14OCT2015 From: 06:00 06:00 To:	<b>Critical Information Requirements</b> <b>ICS 202B</b>
<b>3. Critical Information Requirements:</b> <ol style="list-style-type: none"> <li>1) Work site accidents / mishaps resulting property damage or injuries to responders beyond first aid.</li> <li>2) Major equipment casualties.</li> <li>3) Any VIP visits or political interest and concerns.</li> <li>4) Deviation of strategies or tactics from approved Incident Action Plan.</li> <li>5) Severe weather condition which could impact Operations.</li> <li>6) Publication of inaccurate, significant, or unfavorable media stories.</li> <li>7) Reports of negative stakeholder interests.</li> <li>8) Cultural/historical impacts and/or concerns.</li> <li>9) Change in status for any Refugio Incident facilities.</li> <li>10) Change to or need for additional road closures</li> </ol>		
<b>4. Prepared by: (Planning Section Chief)</b> R. Andersen 11AUG2015 06:00		<b>Date/Time</b>

## ASSIGNMENT LIST (ICS 204)

[illegible]



**7. Special Instructions:**

## Air Ops Minimization Measures

- Maintain minimum altitude of 500 feet above or a 1/2 mile away from Snowy Plover Habitat in the vicinity of Coal Oil Point.

**SAFETY MESSAGE**

All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.

Report All Injuries require a immediate notification to Direct Supervisor.

**8. Communications** (radio and/or phone contact numbers needed for this assignment):

Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
123.02 MHZ	/	VHF channel 10&16
	/	
	/	
	/	

**9. Prepared by:** Name: Ryan Andersen

Position/Title: PSC

Signature: \_\_\_\_\_

ICS 204

IAP Page

Date/Time: 8/11/2015 6:00 AM

## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> Refugio Incident		<b>2. Operational Period:</b> Date From: 8/12/2015 Date To: 10/14/2015  Time From: 06:00 Time To: 06:00		<b>3.</b>  Branch: Recovery Branch  Division:  Group:  Staging Area:	
<b>4. Operations Personnel:</b>		<u>Name</u>		<u>Contact Number(s)</u>	
Operations Section Chief:		Drew Engstrom		307-251-6932	
Branch Director:		S. Franks		713-417-8525	
Division/Group Supervisor:				XXX-XXX-XXXX	

5. Resources Assigned:		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Resource Identifier	Leader			
Helicopter				
Ice Blasting Units				
Response Techs				
Cultural Monitors				
Archaeologist				
Biologist				

**6. Work Assignments:**

- ☐ Conduct shoreline cleanup in segments per the respective Shoreline Treatment Recommendation (STR) unless otherwise directed by the Division Supervisor due to operational need.
- ☐ Supervisors should evaluate their entire area of responsibility and report status changes to their Branch Director on a daily basis.
- ☐ Crews may be deployed to other areas as conditions dictate.
- ☐ Your entire area of responsibility has been surveyed by SCAT. STR's have been established throughout your area of responsibility Conduct shoreline clean-up as directed as per SCAT Methodology.
- ☐ SCAT is required to confirm achievement of Phase II endpoints.
- ☐ Add 1 Biological Monitor when any cleanup operations occur in Division I SB-I-S005.
- ☐ Dry ice blasting has been approved for all Sections
- ☐ Overhead Barrier (Safety Cages) must be used in areas identified in the Safety Exclusion Zones Above Cleanup Endpoints document.

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- ☐ Night Operations will be considered by OSCif tidal conditions and weather allow for safe and effective operations.
- ☐ OPS will not coincide with the local Grunionruns on beaches.
- ☐ Safety will adjust and increase on-site staffingto provide additional safety measures as necessary
- ☐ This work option will be briefed to the UC,Command, General Staff and relevant stakeholders 24 hrs in advance of operations to ensure proper safety and support is provided.
- ☐ Areas identified in the Safey Exclusion Zones Above Cleanup Endpoints document will be avoided at night.

## 7. Special Instructions:

- ☐ An Archaeologist will periodically spot check, but full time archaeological monitoring is not necessary. The following activities DO NOT require full time archaeological monitoring:
  1. Cleaning tar balls from the beach surface.
  2. Cleaning oil/tar from cobbles on the beach.
  3. Cleaning oil/tar from bedrock at the back edge of the beach.
  4. Cleaning oil/tar from rocks and bedrock that protrude from the beach
- ☐ The following conditions must be met to ensure protection of culturally sensitive areas:
  1. 01 Cultural Monitor will be assigned to each group (a group is assumed to be around 20 workers).
  2. 01 Cultural Monitor will be assigned to each Ice Blasting Unit and a rover will be available to roam between the units.
  3. 01 Cultural Monitor will be assigned to the upper area of the Carpet Trail and 01 Cultural Monitor will be assigned to the lower area of the Carpet Trail.
  4. Cultural Monitors must be present and within a reasonable distance to observe any possible disturbance of culturally sensitive areas.
  5. Splitting of work locations or groups should not be conducted unless approved by the Operations Section Chief. This will allow the Operations Section Chief the opportunity to ensure Cultural Monitors are available to observe response activities.
- ☐ ATV's not allowed in exclusion zones at El Capitan and Refugio.
- ☐ Any oiled wildlife (birds, mammals, or sea turtles) observed or incidentally collected in cleanup operations should be called in to the Wildlife Hotline at 877-823-6926.

## SAFETY MESSAGE

- ☐ All personnel are reminded to keep hydrated and take rest breaks at a 50/10 work/rest ratio.
- ☐ PPE: Hard hats, Tyvek suits, gloves, safety glass, neoprene boots. Avoid walking near waterways.
- ☐ PFD's must be worn if the potential for drowning exists.
- ☐ All response personnel are to be cautious of moving vehicles at all times and look in all directions before proceeding. Response personnel should be aware that all railroad tracks are in active use and should show extreme caution when operating in vicinity of tracks.
- ☐ Report All Injuries require immediate notification to Direct Supervisor.

## DRY ICE BLASTING SAFETY

- ☐ Must utilize the following PPE: Tyvek Suit with Hood, appropriate gloves, steel-toed boots and ensure no skin is exposed. Ensure the operator of the gun has visual sight of the operator tending the machines or have someone in between to allow for stopping work when needed.
- ☐ Hearing protection for all personnel within 30 feet of operation.

## HISTORICAL/CULTURAL GUIDELINES

- ☐ Leave cultural materials in place at the site of discovery, and mark its location.
- ☐ Stop clean-up work in the vicinity surrounding the site, within a 6ft radius.
- ☐ Immediately inform the field supervisor, who in turn, should immediately inform the FOSC and/or an appropriately designated cultural resource specialist. Obtain/provide location on map by indicating latitude/longitude.
- ☐ In the event a scheduled meal is not made available to your crew, report this immediately to your Branch Director and the Logistics Section Chief.
- ☐ No work in estuary or creek habitats without biological monitor and approval from EUL.

## 8. Communications (radio and/or phone contact numbers needed for this assignment):

Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
123.02 MHZ	/	VHF channel 10&16
	/	
	/	
	/	

9. Prepared by: Name: Ryan Andersen Position/Title: PSC Signature: \_\_\_\_\_

ICS 204

IAP Page

Date/Time: 8/11/2015 6:00 AM

## ASSIGNMENT LIST (ICS 204)

[illegible]

## 7. Special Instructions:

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	/	

9. Prepared by: Name: Ryan Andersen Position/Title: PSC Signature: \_\_\_\_\_

ICS 204 IAP Page Date/Time: 8/11/2015 6:00 AM

## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> Refugio Incident		<b>2. Operational Period:</b> Date From: 8/12/2015 Date To: 10/14/2015 Time From: 06:00 Time To: 06:00		<b>3.</b>  Branch: Wildlife Branch  Division:  Group:  Staging Area:													
<b>4. Operations Personnel:</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%; text-align: center;"><u>Name</u></th> <th style="width: 25%; text-align: center;"><u>Contact Number(s)</u></th> </tr> </thead> <tbody> <tr> <td>Operations Section Chief:</td> <td>Drew Engstrom</td> <td>307-251-6932</td> </tr> <tr> <td>Branch Director:</td> <td>Holly Gellerman</td> <td>916-747-0611</td> </tr> <tr> <td>Division/Group Supervisor:</td> <td>Sarah Wilkin</td> <td>530-979-7561</td> </tr> </tbody> </table>			<u>Name</u>	<u>Contact Number(s)</u>	Operations Section Chief:	Drew Engstrom	307-251-6932	Branch Director:	Holly Gellerman	916-747-0611	Division/Group Supervisor:	Sarah Wilkin	530-979-7561		
	<u>Name</u>	<u>Contact Number(s)</u>															
Operations Section Chief:	Drew Engstrom	307-251-6932															
Branch Director:	Holly Gellerman	916-747-0611															
Division/Group Supervisor:	Sarah Wilkin	530-979-7561															
<b>5. Resources Assigned:</b>		# of Persons		Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information													
Resource Identifier	Leader																
Mamal Rehab	Sea World			San Diego Facility													
Bird Rehab	Intl. Bird Rescue			Local Facility													

**6. Work Assignments:**  
 Continue to rehabilitate impacted animals offsite and inform the Unified Command of progress and release of animals.

**7. Special Instructions:**

**8. Communications** (radio and/or phone contact numbers needed for this assignment):  

Name	/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
	/	
	/	
	/	
	/	

**9. Prepared by:** Name: Ryan Andersen Position/Title: PSC Signature: \_\_\_\_\_

ICS 204
IAP Page
Date/Time: 8/11/2015 6:00 AM

<b>1. Incident Name:</b> Refugio Incident <b>Location:</b> Mariposa Staging		<b>2. Operational Period 21</b> From: 12AUG2015      To: 14OCT2015 06:00                      06:00		<b>MEDICAL PLAN</b> <b>ICS 206-CG</b>		
<b>3. Medical Aid Stations and contact information</b>						
<b>Name</b>	<b>Location</b>	<b>Contact #</b>	<b>Transport Availability</b>			
PLAINS SAFETY OFFICER Randy Fordham  INCIDENT HOTLINE	Mariposa Staging	(661) 332-9164  (805) 618-5769	No			
Qun Tan Garcia Chumash Fire Department EMT basic	Gaviota Coast	805-350-8819 805-832-2382	No			
Santa Barbara County Fire, water rescue, helicopter with hoist	4410 Cathedral Oaks, Santa Barbara,A	911	Yes			
Montecito and Carpentaria Fire Water Rescue Team	Santa Barbara County South	911	No			
Ventura Fire, Oxnard Fire, Ventura County Fire, water rescue, helicopter with hoist	Ventura County	911	No			
US Coast Guard, Medi-Vac. Rescue Swimmers	1001 South Seaside, San Pedro, CA90731	855-562-4900 510-437-3701	Yes			
<b>4. Transportation</b>						
<b>Ambulance Service</b>	<b>Address</b>	<b>Contact #</b>	<b>Care Capability</b>			
American Medical Response	240 East Hwy 246 Buellton, CA93117	805-245-3424	Paramedic/EMT team			
CALSTAR 7 (air medical transport team, no hoist)	3996 Mitchell Road Santa Monica, CA93455	805-938-9038	Advanced Practice, 2 Nurse team			
Santa Barbara CountyAir Support (air medical transport team with hoist capabilities)	906Airport Road Santa Ynez, CA93460	805-692-5723 Or 911	2 Paramedic team with Rescue Swimmer			
Santa Barbara County Fire Rescue, Helicopter, Medical, water rescue and dispatch center	4408 Cathedral Oaks Road Santa Barbra	805-692-5723 or 911	Paramedic			
US Coast Guard	101 South SeasideAve #20, San Pedro, CA 90731	855-562-4900 510-437-3701 VHF Channel 16	Rescue Swimmer/Mediva c			
<b>5. Hospitals</b>						
<b>Hospital Name</b>	<b>Address</b>	<b>Contact #</b>	<b>Travel Time</b>		<b>Burn Center</b>	<b>Helipad</b>
			Air	Ground		
Goleta Valley Cottage Hospital	251 South PattersonAve, Santa Barbara, CA93111	805-967-3411	N/A	20/min		No

Grossman Burn Center	7300 Medical Center Drive West Hills CA	818-676-4177	20 min	1.25 hours	Yes	Yes
Santa Barbara Cottage Hospital (Anti-Venom is kept at this facility)	400 West Pueblo Street Santa Barbara, CA 93105	805-682-7111	8 min	27 min	No	Yes
Saint John Pleasant Valley Hospital	2309 Antonio Ave, Camarillo, CA 93010 Hyperbaric available Monday to Friday 0800-1800	(805) 389-5944	30	1 HR		
LA County Medical Alert (available 24/7)	200 UCLA Medical Plaza Suite B Los Angeles, CA 9005	1(866)940-4401	1 hour	N/A	No	Yes
UCLA Available 0800-1700	200 UCLA Medical Plaza Suite B Los Angeles, CA 9005	310-794-9014	30 min.	1 hour	No	Yes

#### 6. Special Medical Emergency Procedures:

1. If medical, injury or dive emergency occurs on boat, call 911 and report location geographically where the incident is located (GPS Coordinates). 911 will dispatch appropriate emergency resources to scene.
2. Non-life/limb threatening illness or injury: notify direct supervisor, follow "medical reporting procedures" and render first aid.

**All illnesses and injuries will be reported on Incident Reporting Line 805-618-5769.  
For any situation in need of Anti-venom, Please see Santa Barbara Cottage Hospital.**

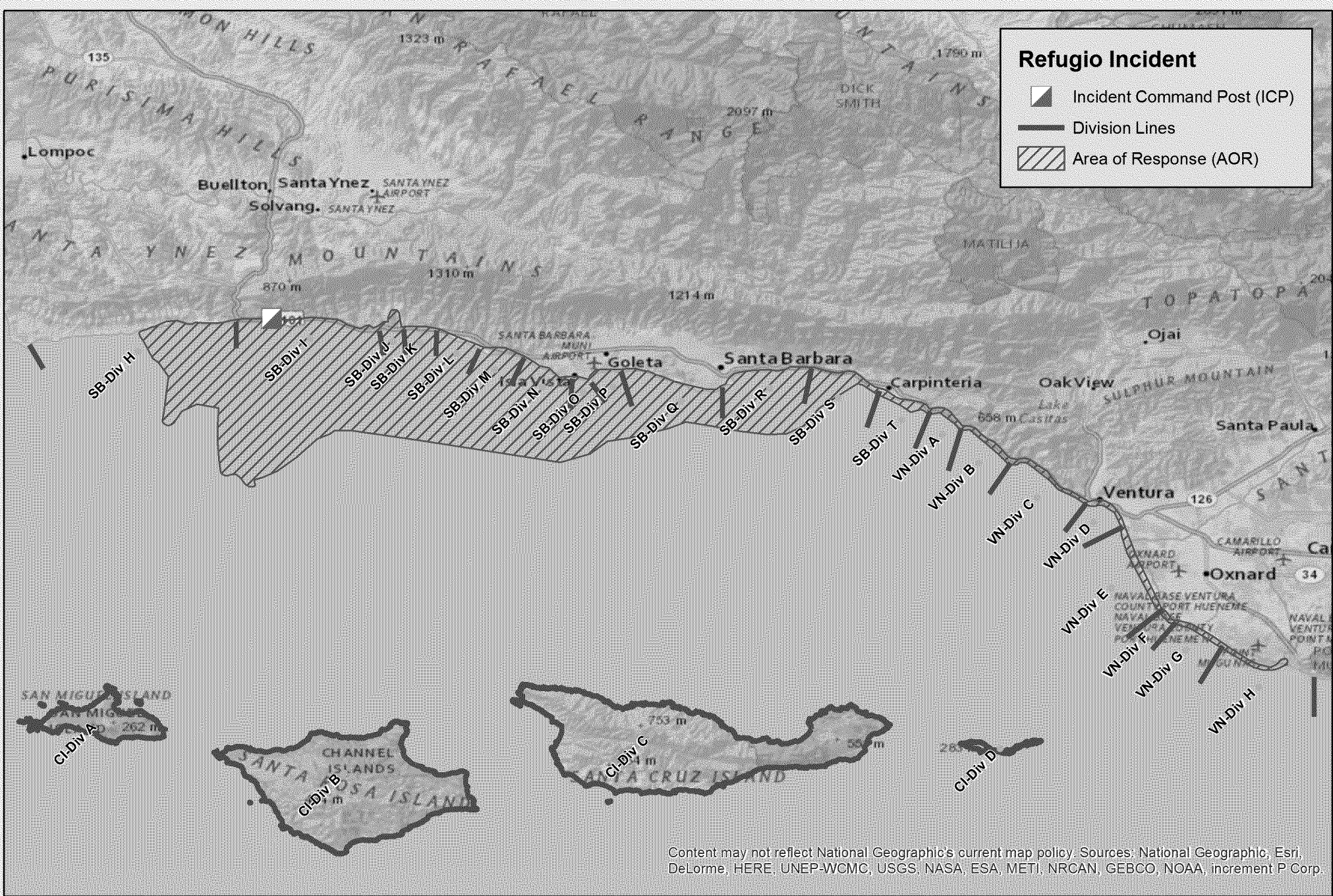
#### Essential reporting information for EMS provider:

1. Nature of injury
2. Location of patient and point of contact
3. Point of contact
4. Age and gender of patient

<b>7. Prepared by: (ICP Safety Officer)</b> Tony Puckett, SOFR	<b>Date/Time</b> 08/11/15	<b>8. Reviewed by: (Safety Officer)</b> ??	<b>Date/Time</b> 08/11/2015
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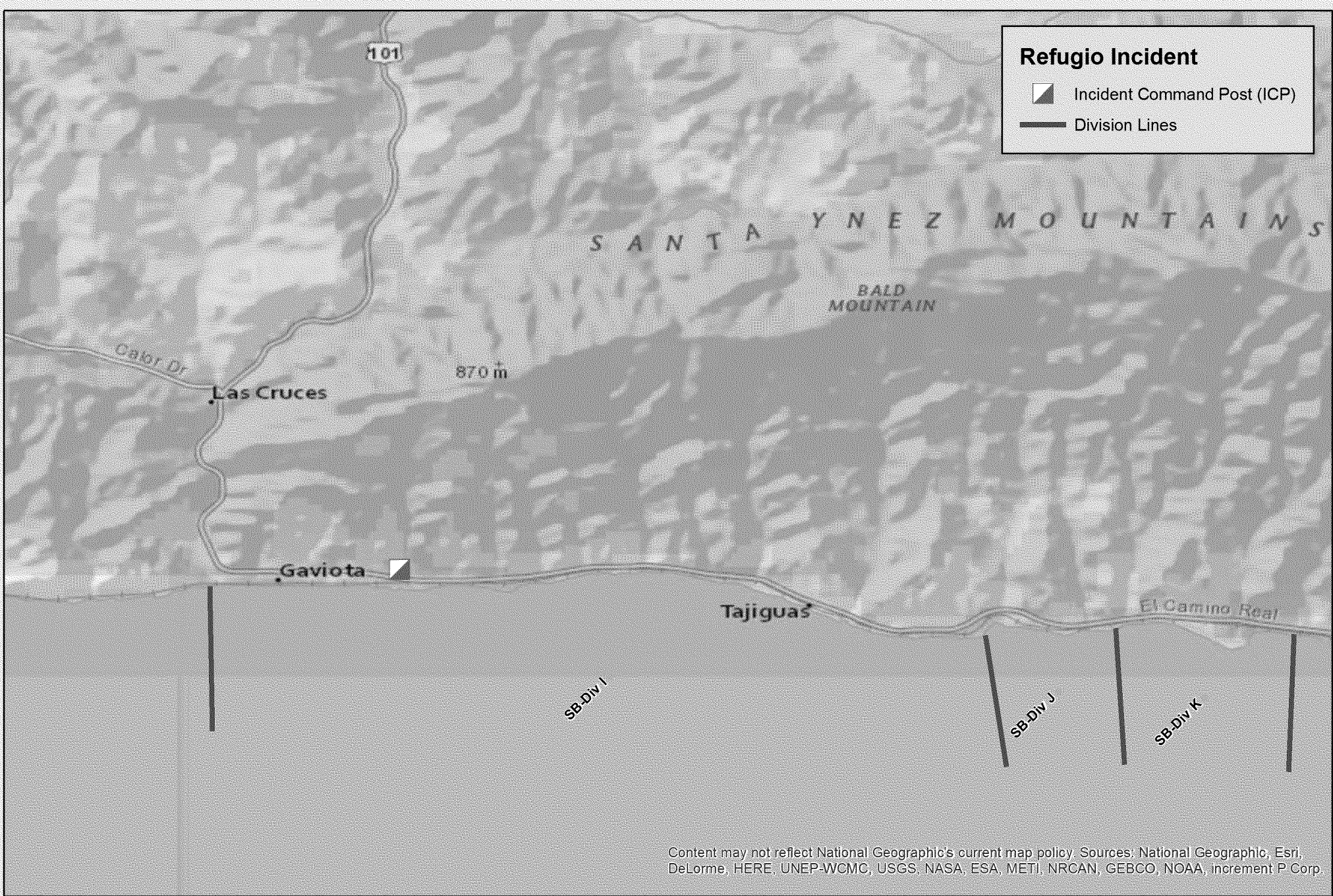
<b>1. Incident Name</b> Refugio Incident		<b>2. Operational Period (Date/Time)</b> From:12Aug2015/0600 To:14OCT2015/0600		<b>DAILY MEETING SCHEDULE</b> ICS 230-CG	
<b>3. Meeting Schedule (Commonly-held meetings are included)</b>					
<b>Date/ Time</b>	<b>Meeting Name</b>	<b>Purpose</b>	<b>Attendees</b>	<b>Location</b>	
19Aug2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
19Aug2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
26Aug2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
02SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
09SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
16SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
23SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
30SEP2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
07OCT2015 10:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
13OCT2015 08:00	UC Briefing	Teleconferencefor UC, CMD&GeneralStaffto discussongoingissues	IC/UC, CMD & General Staff	Mariposa ICP	
13OCT2015 10:00	Unified Command Objectives Meeting	Review/identify objectivesforthenext operationalperiod.	Unified Command	Mariposa ICP	
13OCT2015 09:00	Command & General Staff Meeting	IC/UC gives direction to Command & General staff including incident objectives and priorities	IC/UC, CMD & General Staff	Mariposa ICP	
13OCT2015 13:00	Tactics Meeting	Develop/Review primary and alternate Strategies to meet Incident Objectives for the next Operational Period.	PSC, OSC, LSC, RESL & SITL	Mariposa ICP	
13OCT2015 16:00	Planning Meeting/ IAP Approval	Review status and finalize strategies and assignments to meet Incident Objectives for the next Operational Period.	Determined by the IC/UC	Mariposa ICP	
<b>4. Prepared by: Ryan Andersen, PSC</b>			<b>Date/Time: 11 AUG 2015 06:00</b>		
DAILY MEETING SCHEDULE			ICS 230-CG (Rev.07/04)		











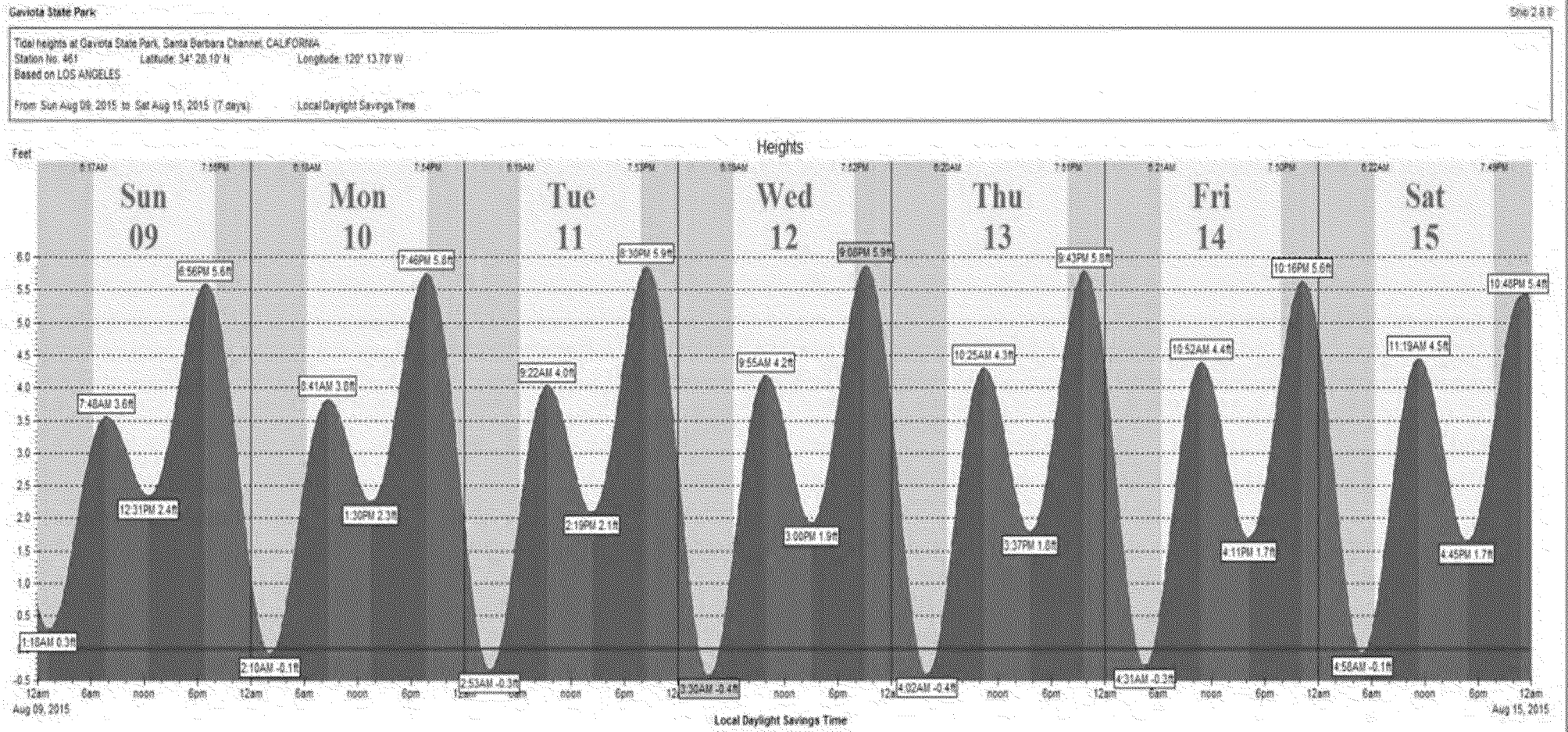
Calif. Dept. of Fish and Wildlife  
Office of Spill Prevention and Response

Data Source: OSPR GIS  
Requestor: SCAT Coordinator  
Author: G. Ewing  
Date Created: 8/10/2015

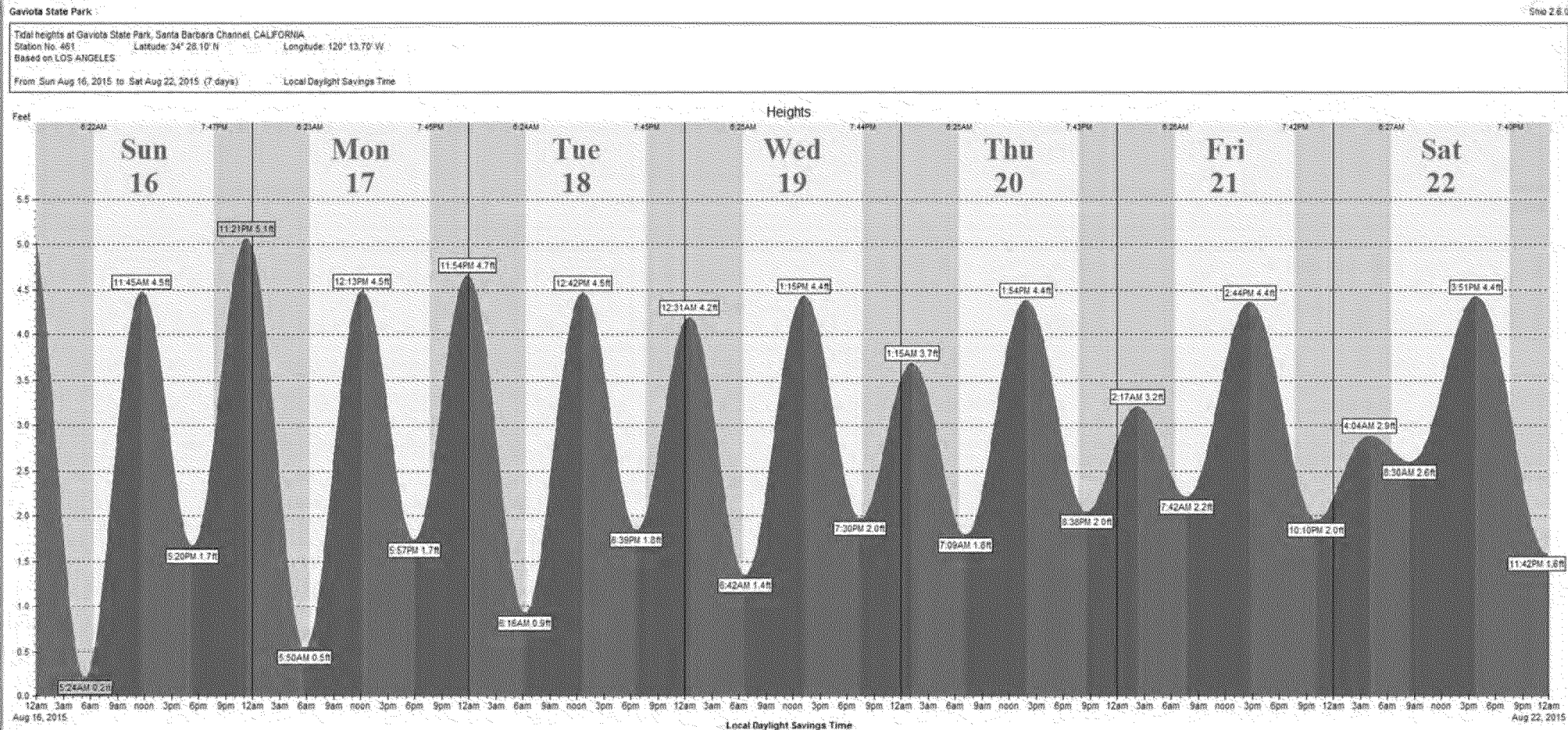
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## Refugio Incident Incident Command Post (ICP) Location









# Aug 23-Aug 29 | Tides

